

DATA PROTECTION METHOD

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EMC2-132PUS

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FIG 1A

PROLOG
ART

WRITE

Memory

DATA	CRC
DATA	CRC
DATA	CRC
DATA	CRC
D ₀ D ₁ D ₂ D ₃	CRC
DATA	CRC
DATA	CRC
DATA	CRC

D₀

D₁

D₂

D₃

$D_0 \oplus D_1 \oplus D_2 \oplus D_3$

PARITY

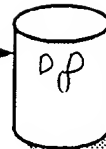
Director

Director

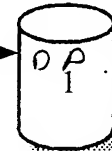
Director

Director

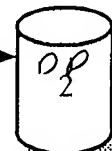
PARITY
Director



DATA
DISK
DRIVE



DATA
DISK
DRIVE



DATA
DISK
DRIVE



DATA
DISK
DRIVE



PARITY
DISK
DRIVE

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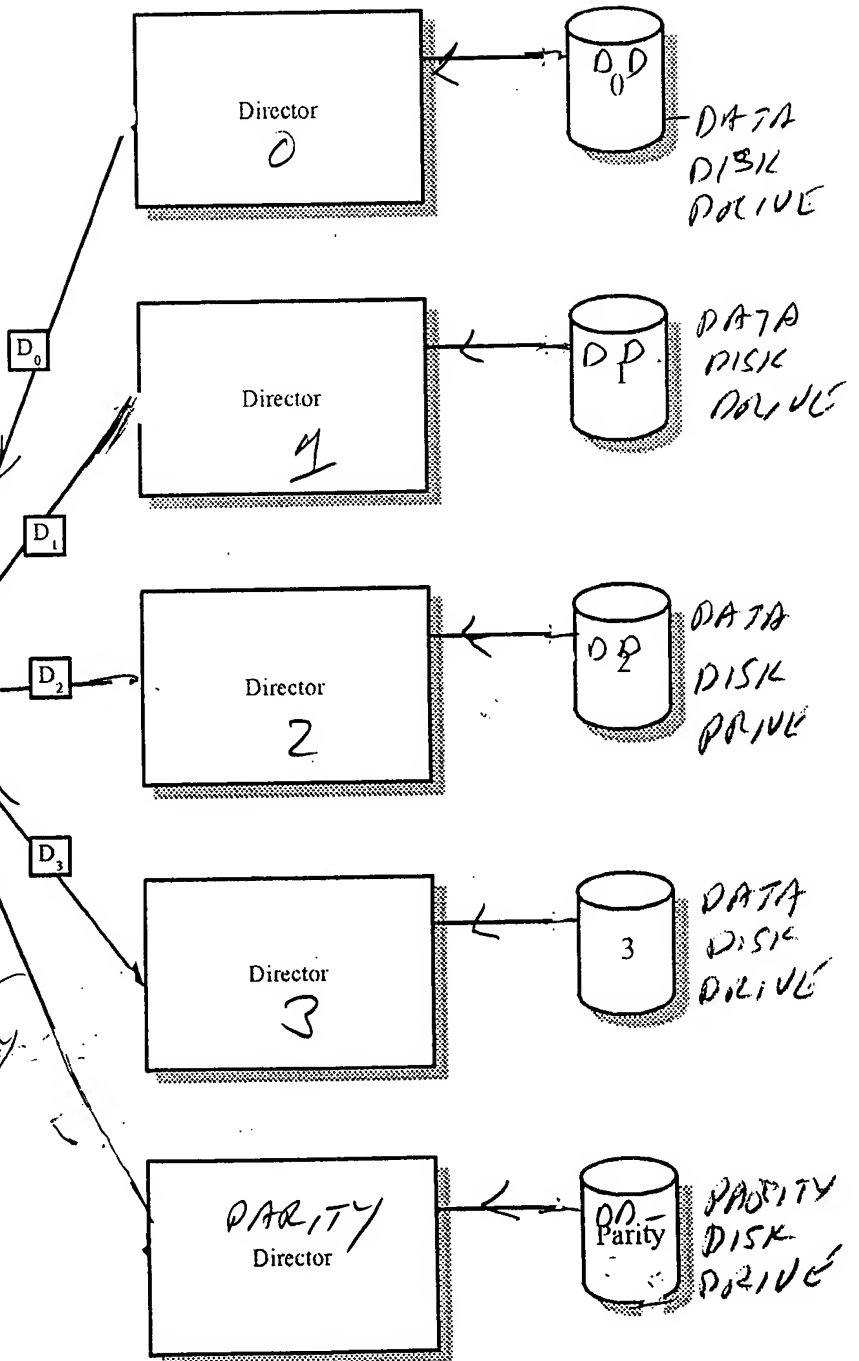
FIG 1B
PARITY
ARRAY

Memory

DATA	CRC
DATA	CRC
DATA	CRC
DATA	CRC
D ₀ D ₁ D ₂ D ₃	CRC
DATA	CRC
DATA	CRC
DATA	CRC

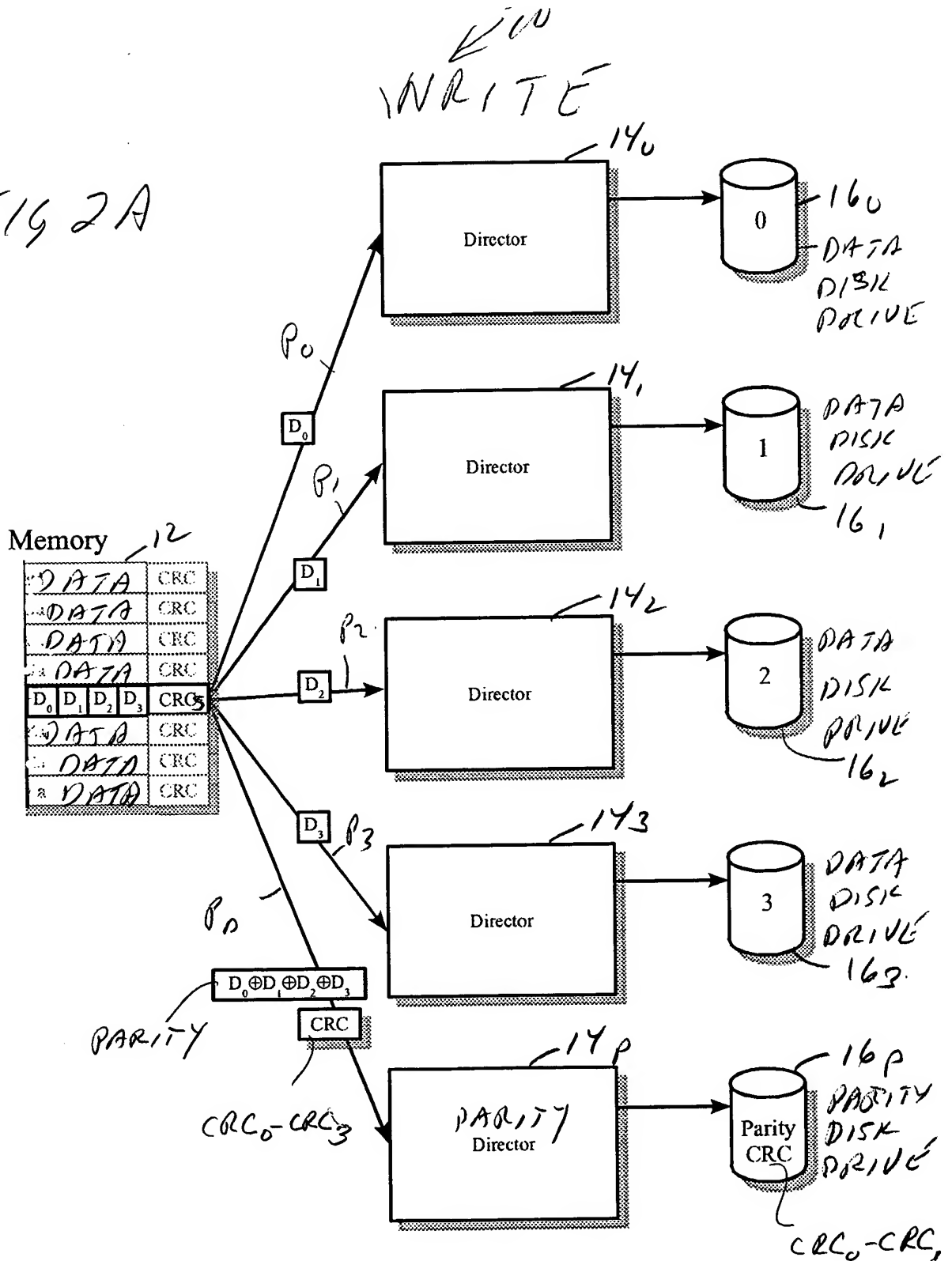
PARITY

WRITE



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FIG 2A



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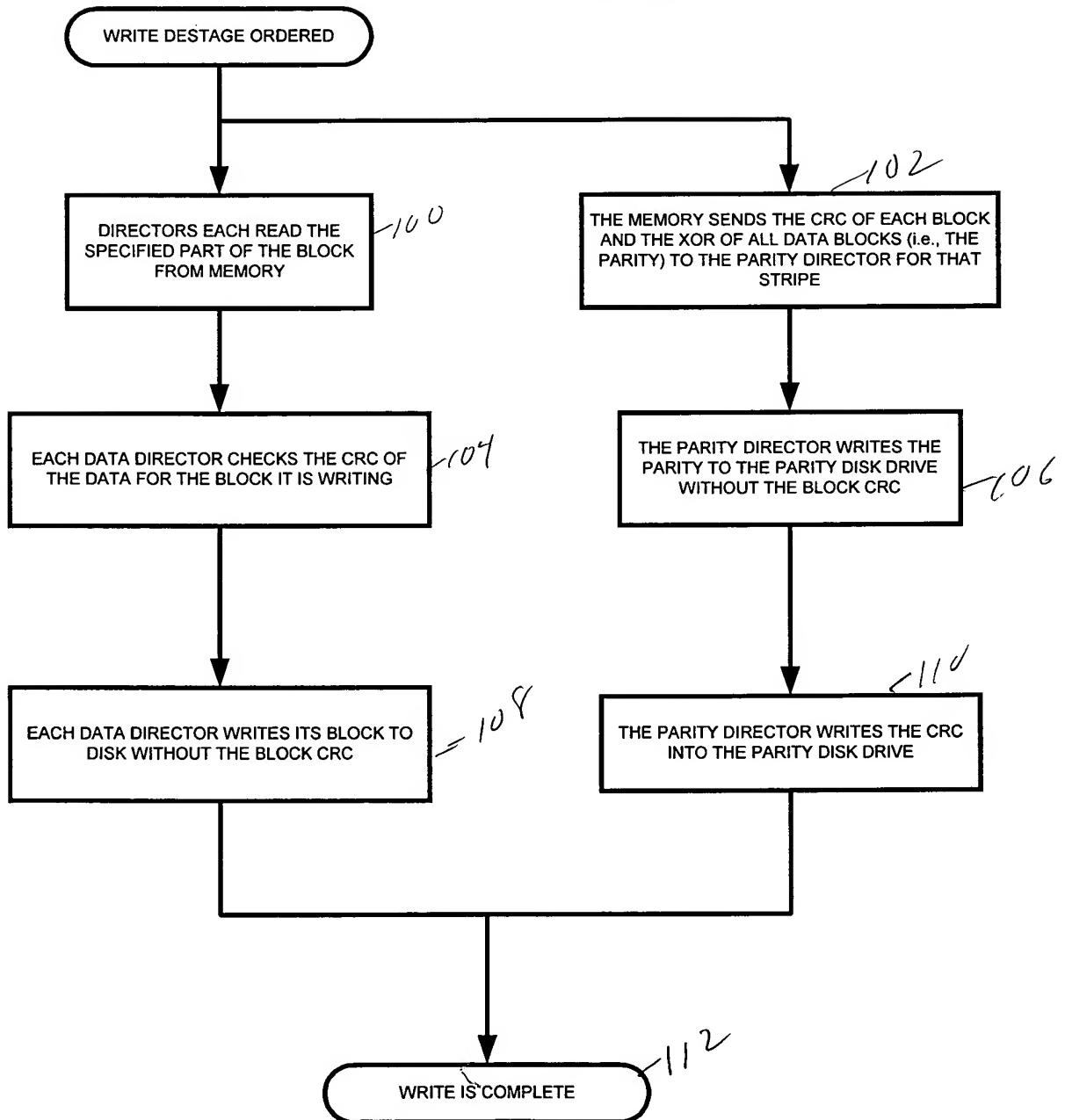
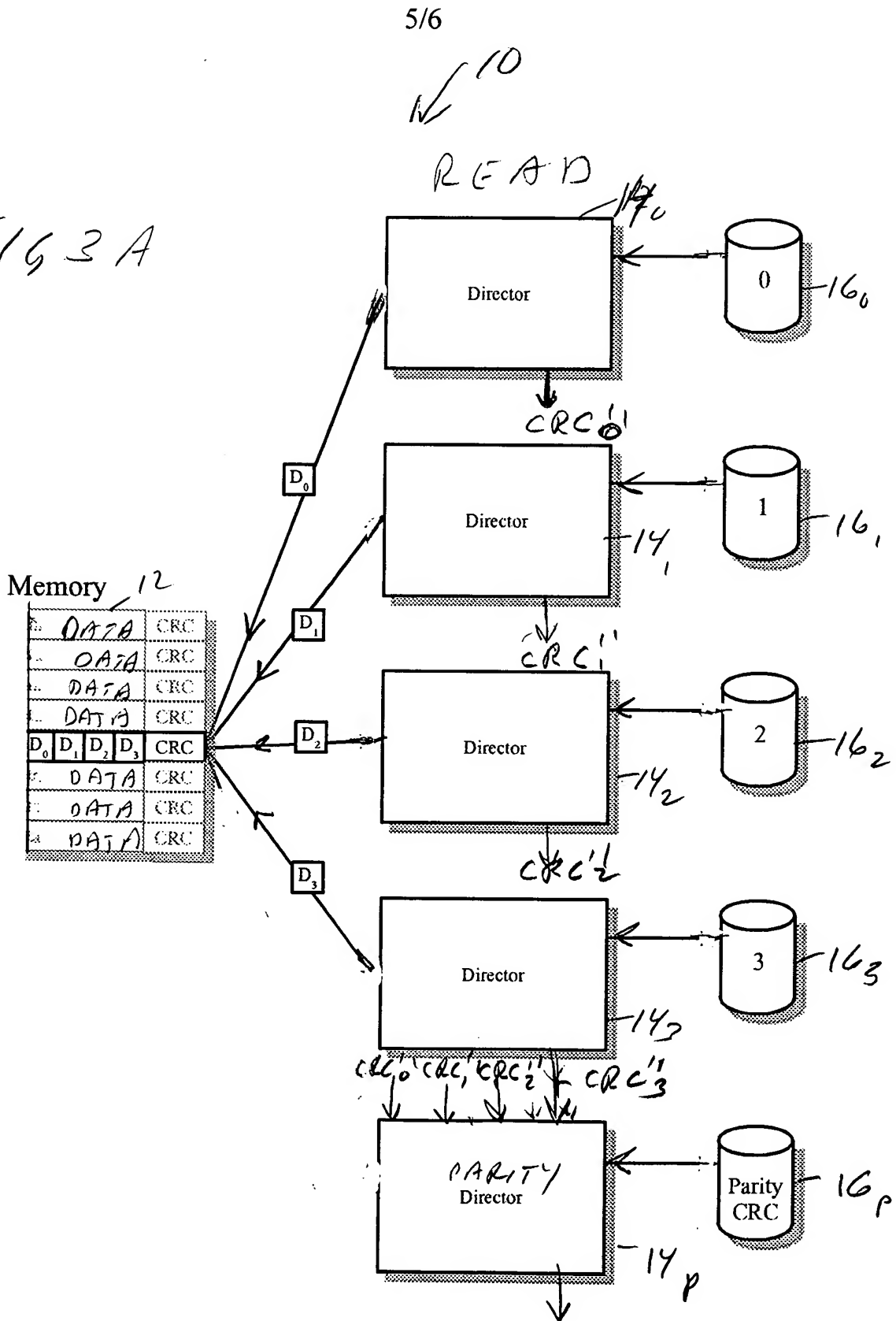


FIG 3A



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